

2590
04/6

#2



OIPE

RAW SEQUENCE LISTING DATE: 04/23/2002
PATENT APPLICATION: US/10/078,113 TIME: 11:00:42

Input Set : N:\Crif3\RULE60\10078113.raw
Output Set: N:\CRF3\04232002\J078113.raw

SEQUENCE LISTING

1 (1) GENERAL INFORMATION:

2 (i) APPLICANT: Abrams, Mark A.
3 Bauer, S. C.
4 Braford-Goldberg, Sarah R.
5 Caparon, Maire H.
6 Easton, Alan M.
7 Klein, Barbara K.
8 McKearn, John P.
9 Olins, Peter O.
10 Paik, Kumnan
11 Thomas, John W.

ENTERED

12 (ii) TITLE OF INVENTION: Interleukin-3 (IL-3) Multiple Mutation
13 Polypeptides

14 (iii) NUMBER OF SEQUENCES: 415

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
17 Corporate Patent Dept.
18 (B) STREET: P. O. Box 5110
19 (C) CITY: Chicago
20 (D) STATE: Illinois
21 (E) COUNTRY: USA
22 (F) ZIP: 60680

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Floppy disk
25 (B) COMPUTER: IBM PC compatible
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

28 (vi) CURRENT APPLICATION DATA:

C--> 29 (A) APPLICATION NUMBER: US/10/078,113
C--> 30 (B) FILING DATE: 19-Feb-2002

32 (vii) PRIOR APPLICATION DATA:

33 (A) APPLICATION NUMBER: 08/469,419
34 (B) FILING DATE:
35 (A) APPLICATION NUMBER: 08/411,795
36 (B) FILING DATE:
37 (A) APPLICATION NUMBER: PCT/US93/11197
38 (B) FILING DATE: 22-NOV-1993

39 (viii) ATTORNEY/AGENT INFORMATION:

40 (A) NAME: Bennett, Dennis A.
41 (B) REGISTRATION NUMBER: 34,547
42 (C) REFERENCE/DOCKET NUMBER: C2713/2

43 (ix) TELECOMMUNICATION INFORMATION:

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/078,113

DATE: 04/23/2002

TIME: 11:00:42

Input Set : N:\Crf3\RULE60\10078113.raw

Output Set: N:\CRF3\04232002\J078113.raw

```

44          (A) TELEPHONE: (708)470-6501
45          (B) TELEFAX: (708)470-6881
46 (2) INFORMATION FOR SEQ ID NO: 1:
47     (i) SEQUENCE CHARACTERISTICS:
48         (A) LENGTH: 23 base pairs
49         (B) TYPE: nucleic acid
50         (C) STRANDEDNESS: single
51         (D) TOPOLOGY: linear
W--> 52     (ii) MOLECULE TYPE: DNA (synthetic)
53     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
54 CTAGCGATCT TTTAATAAGC TTG                                     23
56 (2) INFORMATION FOR SEQ ID NO: 2:
57     (i) SEQUENCE CHARACTERISTICS:
58         (A) LENGTH: 23 base pairs
59         (B) TYPE: nucleic acid
60         (C) STRANDEDNESS: single
61         (D) TOPOLOGY: linear
W--> 62     (ii) MOLECULE TYPE: DNA (synthetic)
63     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
64 GATCCAAGCT TATTAAGA TCG                                     23
66 (2) INFORMATION FOR SEQ ID NO: 3:
67     (i) SEQUENCE CHARACTERISTICS:
68         (A) LENGTH: 69 base pairs
69         (B) TYPE: nucleic acid
70         (C) STRANDEDNESS: single
71         (D) TOPOLOGY: linear
W--> 72     (ii) MOLECULE TYPE: DNA (synthetic)
73     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
74 GGCAACAATT TCTACAAAAC ACTTGATACT GTATGAGCAT ACAGTATAAT TGCTTCAACA 60
75 GAACAGATC                                                    69
77 (2) INFORMATION FOR SEQ ID NO: 4:
78     (i) SEQUENCE CHARACTERISTICS:
79         (A) LENGTH: 67 base pairs
80         (B) TYPE: nucleic acid
81         (C) STRANDEDNESS: single
82         (D) TOPOLOGY: linear
W--> 83     (ii) MOLECULE TYPE: DNA (synthetic)
84     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
85 TGTTCTGTTG AAGCAATTAT ACTGTATGCT CATACAGTAT CAAGTGTTTT GTAGAAATTG 60
86 TTGCCGC                                                       67
88 (2) INFORMATION FOR SEQ ID NO: 5:
89     (i) SEQUENCE CHARACTERISTICS:
90         (A) LENGTH: 23 base pairs
91         (B) TYPE: nucleic acid
92         (C) STRANDEDNESS: single
93         (D) TOPOLOGY: linear
W--> 94     (ii) MOLECULE TYPE: DNA (synthetic)
95     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
96 CCATTGCTGC CGGCATCGTG GTC                                     23

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/078,113

DATE: 04/23/2002

TIME: 11:00:42

Input Set : N:\Crf3\RULE60\10078113.raw

Output Set: N:\CRF3\04232002\J078113.raw

```

98 (2) INFORMATION FOR SEQ ID NO: 6:
99     (i) SEQUENCE CHARACTERISTICS:
100         (A) LENGTH: 46 base pairs
101         (B) TYPE: nucleic acid
102         (C) STRANDEDNESS: single
103         (D) TOPOLOGY: linear
W--> 104     (ii) MOLECULE TYPE: DNA (synthetic)
105     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
106 CATGGCTCCA ATGACTCAGA CTACTTCTCT TAAGACTTCT TGGGTT      46
108 (2) INFORMATION FOR SEQ ID NO: 7:
109     (i) SEQUENCE CHARACTERISTICS:
110         (A) LENGTH: 42 base pairs
111         (B) TYPE: nucleic acid
112         (C) STRANDEDNESS: single
113         (D) TOPOLOGY: linear
W--> 114     (ii) MOLECULE TYPE: DNA (synthetic)
115     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
116 AACCCAAGAA GTCTTAAGAG AAGTAGTCTG AGTCATTGGA GC      42
118 (2) INFORMATION FOR SEQ ID NO: 8:
119     (i) SEQUENCE CHARACTERISTICS:
120         (A) LENGTH: 64 base pairs
121         (B) TYPE: nucleic acid
122         (C) STRANDEDNESS: single
123         (D) TOPOLOGY: linear
W--> 124     (ii) MOLECULE TYPE: DNA (synthetic)
125     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
126 AATTCGCTCG TAAACTGACC TTCTATCTGA AAACCTTGGA GAACGCGCAG GCTCAACAGT      60
127 AATA      64
129 (2) INFORMATION FOR SEQ ID NO: 9:
130     (i) SEQUENCE CHARACTERISTICS:
131         (A) LENGTH: 64 base pairs
132         (B) TYPE: nucleic acid
133         (C) STRANDEDNESS: single
134         (D) TOPOLOGY: linear
W--> 135     (ii) MOLECULE TYPE: DNA (synthetic)
136     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
137 AGCTTATTAC TGTTGAGCCT GCGCGTTCTC CAAGGTTTTC AGATAGAAGG TCAGTTTACG      60
138 ACGG      64
140 (2) INFORMATION FOR SEQ ID NO: 10:
141     (i) SEQUENCE CHARACTERISTICS:
142         (A) LENGTH: 126 amino acids
143         (B) TYPE: amino acid
144         (D) TOPOLOGY: linear
145     (ii) MOLECULE TYPE: peptide
146     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
147 Met Ala Pro Met Thr Gln Thr Thr Ser Leu Lys Thr Ser Trp Val Asn
148 1      5      10      15
149 Cys Ser Asn Met Ile Asp Glu Ile Ile Thr His Leu Lys Gln Pro Pro
150      20      25      30

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/078,113

DATE: 04/23/2002

TIME: 11:00:42

Input Set : N:\Crif3\RULE60\10078113.raw

Output Set: N:\CRF3\04232002\J078113.raw

```

151      Leu Pro Leu Leu Asp Phe Asn Asn Leu Asn Gly Glu Asp Gln Asp Ile
152              35                      40                      45
153      Leu Met Glu Asn Asn Leu Arg Arg Pro Asn Leu Glu Ala Phe Asn Arg
154              50                      55                      60
155      Ala Val Lys Ser Leu Gln Asn Ala Ser Ala Ile Glu Ser Ile Leu Lys
156              65                      70                      75                      80
157      Asn Leu Leu Pro Cys Leu Pro Leu Ala Thr Ala Ala Pro Thr Arg His
158              85                      90                      95
159      Pro Ile His Ile Lys Asp Gly Asp Trp Asn Glu Phe Arg Arg Lys Leu
160              100                     105                     110
161      Thr Phe Tyr Leu Lys Thr Leu Glu Asn Ala Gln Ala Gln Gln
162              115                     120                     125
164 (2) INFORMATION FOR SEQ ID NO: 11:
165      (i) SEQUENCE CHARACTERISTICS:
166          (A) LENGTH: 24 base pairs
167          (B) TYPE: nucleic acid
168          (C) STRANDEDNESS: single
169          (D) TOPOLOGY: linear
W--> 170      (ii) MOLECULE TYPE: DNA (synthetic)
171      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
172 CATGGCTAAC TGCTCTAACA TGAT                                     24
174 (2) INFORMATION FOR SEQ ID NO: 12:
175      (i) SEQUENCE CHARACTERISTICS:
176          (A) LENGTH: 22 base pairs
177          (B) TYPE: nucleic acid
178          (C) STRANDEDNESS: single
179          (D) TOPOLOGY: linear
W--> 180      (ii) MOLECULE TYPE: DNA (synthetic)
181      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
182 CGATCATGTT AGAGCAGTTA GC                                       22
184 (2) INFORMATION FOR SEQ ID NO: 13:
185      (i) SEQUENCE CHARACTERISTICS:
186          (A) LENGTH: 113 amino acids
187          (B) TYPE: amino acid
188          (D) TOPOLOGY: linear
189      (ii) MOLECULE TYPE: peptide
190      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
191      Met Ala Asn Cys Ser Asn Met Ile Asp Glu Ile Ile Thr His Leu Lys
192      1              5              10              15
193      Gln Pro Pro Leu Pro Leu Leu Asp Phe Asn Asn Leu Asn Gly Glu Asp
194              20              25              30
195      Gln Asp Ile Leu Met Glu Asn Asn Leu Arg Arg Pro Asn Leu Glu Ala
196              35              40              45
197      Phe Asn Arg Ala Val Lys Ser Leu Gln Asn Ala Ser Ala Ile Glu Ser
198              50              55              60
199      Ile Leu Lys Asn Leu Leu Pro Cys Leu Pro Leu Ala Thr Ala Ala Pro
200              65              70              75              80
201      Thr Arg His Pro Ile His Ile Lys Asp Gly Asp Trp Asn Glu Phe Arg
202              85              90              95

```

RAW SEQUENCE LISTING

DATE: 04/23/2002

PATENT APPLICATION: US/10/078,113

TIME: 11:00:42

Input Set : N:\Crf3\RULE60\10078113.raw

Output Set: N:\CRF3\04232002\J078113.raw

```

203      Arg Lys Leu Thr Phe Tyr Leu Lys Thr Leu Glu Asn Ala Gln Ala Gln
204              100                      105                      110
205      Gln
207 (2) INFORMATION FOR SEQ ID NO: 14:
208      (i) SEQUENCE CHARACTERISTICS:
209          (A) LENGTH: 27 amino acids
210          (B) TYPE: amino acid
211          (D) TOPOLOGY: linear
212      (ii) MOLECULE TYPE: peptide
213      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
214      Met Met Ile Thr Leu Arg Lys Leu Pro Leu Ala Val Ala Val Ala Ala
215      1              5                      10                      15
216      Gly Val Met Ser Ala Gln Ala Met Ala Asn Cys
217              20                      25
219 (2) INFORMATION FOR SEQ ID NO: 15:
220      (i) SEQUENCE CHARACTERISTICS:
221          (A) LENGTH: 133 amino acids
222          (B) TYPE: amino acid
223          (D) TOPOLOGY: linear
224      (ii) MOLECULE TYPE: peptide
225      (ix) FEATURE:
226          (A) NAME/KEY: Modified-site
227          (B) LOCATION: 1
228          (D) OTHER INFORMATION: /note= "Met- may or may not precede the
229 amino acid in position 1"
230      (ix) FEATURE:
231          (A) NAME/KEY: Modified-site
232          (B) LOCATION: 17
233          (D) OTHER INFORMATION: /note= "Xaa at position 17 is Ser,
234 Lys, Gly, Asp, Met, Gln, or Arg"
235      (ix) FEATURE:
236          (A) NAME/KEY: Modified-site
237          (B) LOCATION: 18
238          (D) OTHER INFORMATION: /note= "Xaa at position 18 is Asn,
239 His, Leu, Ile, Phe, Arg, or Gln"
240      (ix) FEATURE:
241          (A) NAME/KEY: Modified-site
242          (B) LOCATION: 19
243          (D) OTHER INFORMATION: /note= "Xaa at position 19 is Met,
244 Phe, Ile, Arg, Gly, Ala, or Cys"
245      (ix) FEATURE:
246          (A) NAME/KEY: Modified-site
247          (B) LOCATION: 20
248          (D) OTHER INFORMATION: /note= "Xaa at position 20 is Ile,
249 Cys, Gln, Glu, Arg, Pro, or Ala"
250      (ix) FEATURE:
251          (A) NAME/KEY: Modified-site
252          (B) LOCATION: 21
253          (D) OTHER INFORMATION: /note= "Xaa at position 21 is Asp,

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/078,113

DATE: 04/23/2002

TIME: 11:00:43

Input Set : N:\Crf3\RULE60\10078113.raw

Output Set: N:\CRF3\04232002\J078113.raw

L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:52 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=1
L:62 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=2
L:72 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=3
L:83 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=4
L:94 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=5
L:104 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=6
L:114 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=7
L:124 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=8
L:135 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=9
L:170 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=11
L:180 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=12
L:784 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:786 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:790 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:792 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:796 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:1269 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:1271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:1273 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:1275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:1277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:1279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:1281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:1652 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:1654 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:1656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:1658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:1660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:1662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:1664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:1925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:1927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:1929 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:1931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:1933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:1935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:1937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:2504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:2506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:2508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:2510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:2512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:2514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:2516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/078,113

DATE: 04/23/2002

TIME: 11:00:43

Input Set : N:\Crf3\RULE60\10078113.raw

Output Set: N:\CRF3\04232002\J078113.raw

L:2984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:2986 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:2988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:2990 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:2992 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:2994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:2996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:3366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:3368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:3370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:3372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:3374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:3376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:3378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:3635 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:3656 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=23
L:3666 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=24
L:3676 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=25
L:3686 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=26
L:3696 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=27
L:3706 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=28
L:3716 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=29
L:3726 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=30
L:3736 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=31
L:3746 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=32
L:3756 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=33
L:3766 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=34
L:3776 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=35
L:3786 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=36
L:3796 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=37
L:3806 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=38
L:3816 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=39
L:3826 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=40
L:3836 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=41
L:3846 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=42
L:3856 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=43
L:3866 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=44
L:3876 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=45
L:3886 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=46
L:3896 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=47
L:3906 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=48
L:3916 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=49
L:3926 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=50
L:3936 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=51
L:3946 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=52
L:3956 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=53
L:3966 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=54
L:3976 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=55
L:3986 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=56

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/078,113

DATE: 04/23/2002

TIME: 11:00:43

Input Set : N:\Crf3\RULE60\10078113.raw

Output Set: N:\CRF3\04232002\J078113.raw

L:3996 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=57
L:4006 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=58
L:4016 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=59
L:4026 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=60
L:4036 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=61